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MAY 8 1984

3400 Forest Pest Management

Hazard Tree Evaluation, Horsetail Falls Viewpoint

Forest Supervisor, Mount Hood NF

On May 3, Gregory M. Filip, Plant Pathologist from Forest Pest Management in the Regional Office, visited Horsetail Falls Viewpoint on the Columbia Gorge Ranger District. Purpose of the visit was to examine the site for hazard trees. He was accompanied by Dick Shaefer, Forest Landscape Architect.

Horsetail Falls Viewpoint is a partially developed site along the Columbia Gorge Scenic Highway that is scheduled for further development. About a dozen trees, mostly big-leaf maples and red alders, are within the site itself.

All of these trees were examined for indicators of potential failure (conks, hollows, wounds). All trees with indicators were cored with an increment borer to determine sound rind thickness. Trees with sound rind thicknesses below a certain value have a high potential for failure and probably should be removed since all parts of the site are frequently occupied. The following four maples were cored:

Tree	DBH (in.)	Sound Rind Thickness (in.)	Minimum Required Thickness (in.)	Recommended Treatment
1	24	4	3.5	Save
2	22	5	3.5	Save
3	24	4	3.5	Remove
4	20	6	3.0	Save

Tree Number 3 had a large basal wound and was hollow. Even though this tree barely meets the required rind thickness, it should be removed because of the additional loss in tree strength due to the open wound.

Another large (50" DBH) maple near the picnic area had an extremely large branch extending over the site. Upon inspection, the branch showed no indication of failure and had well compensated for its weight with compression wood. We see no need to treat the tree or limb at this time. All other trees on the site do not need any treatment at this time.

If FPM can be of further service, please contact us.

JAMES S. HADFIELD

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Acting Director of Forest Pest Management

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